- 1 GAATTCCGGCGCGGAGGAGAGAGAGAGTCACTTGCCCTGGCTCTTGAAGTGGTTCTCAGGGTTGGGGCGAGAGTCGGGGTGGGGACCGAGATGC
- 101 AGCTCTATCCTGTGGCCCTGGTCGCAGCAGGCGCTTCGCGTGTTCTACTTGGCCTGTCCGCTGCCGCTAATGAGCTCAGGTCTAGGCCGAG
- 301 GCGCGGGGCTGAAGGCGGAACCACGGGGAAGCACGGAAGCCGGGAAGCCCCTGGGCGCCCCGTCGGAGGGTATGGAGCAGCGGGGGCTGC
- 401 GCGGCGGTGCGGCGCGCTCCTCCTGGTGCTGCTGGGGCCCCGGGCCCAGGGCGCCACTCGTAGCCCCCAGGTGTGACTGTGCCGGTGACTTCCACAAGA æ ۲ >
- 501 AGATTGGTCTGTTTGTTGCAGGCCTGCCCAGCGGGGCCACTACCTGAAGGCCCCTTGCACGGAGCCCTGCGGCAACTCCACCTGCCTTGTGTGTCCCCA G H Y L Ø Д ပ ဟ œ ပ ပ
- 601 AGACACCTTCTTGGCCTGGGAGAACCACCATAATTCTGAATGTGCCCGCTGCCAGGCCTGTGAGCAGCCTCCCAGGTGGCGTGGCGTGGAGAACTGTTCA C A R ы တ z H z ы 3
- GCAGTGGCCGACACCCGCTGTGAGCCAGGCTGGTTTGTGGAGTGCCAGGTCAGCCAATGTGTCAGCAGTTCACCCTTCTACTGCCAACCATGCC G X FI ρ. × ပ R C
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- - 1101 GCCTTAGCCAGATACATAAGGGTATTTGCCTTCACTTTCAGCCAGTTCCCCCCAGCGATCCTAGCCAGATATTACAGATGATTTGTCACTTACACAGA
- 1201 GAGTCACATIGATATAGCTTTAAAACTIGGGCTGAAGGAGGTTGAGGCTGCAGTGAGCTATGATCGTGCCACTGCCACTTCAGCCTGGGCAACAGAGCGAG
- 1401 TAGTICTCTAGGGGATCTTGGGCAAGTGCAGAGAATTC

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FIG. 2A

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FIG. 2B

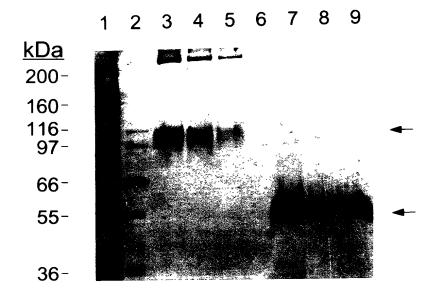


FIG. 3

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4 8 8	rgt S	GA R	Ŋ. ₹	ATG E	9 A	ပ္ပံ ပ	TAT. W	ည္က
ည် ဗ	SCG! V	SCIK	rrg G	CAG2	ACA(rgg V	IGA(rci(s
GTT. S	SCH C	S F F F F F F	135.1	S K	TGG2 D	AGT.	AGG! V	CA CA CA
E U	Ů U H	E U	D H	A H	E H O	ປີ 😅	ට ය ශ	A H D
ACT	CGA!	TGT(V	S -	GGT.	ACC	CGT(CCCC	9 4
i L	TGG G	TGCCGCTG1	ည္တမ	i L	GTC B	CTGCACCGI C T V	CIG	A A
ACG A	ACA H	TGC	66.1	ရှင် မ	ICI	CIG	GCI	TGC A
541 152	601 172	661 192	721	781	841 252	901 272	961 292)21 312

				AAAA	521 AAAAAAAAA	521
AAAAAAAAA	GAAAGAAAC AAAAAAAAA	TTAAATCTGT	GTTTGGCTGA GATCGCGGTA		CTCGGCCGGA	561
TTCTCAACTT	GTGAAGACAT	TCGAGAGGGG	CGAAGAAGCA CGAACGAATG	CGAAGAAGCA	CCAGCCAAGG	501
CCCTATCGCT	CG GCCCTGCGTA GCAGCACCAG CCGGCCCCAC CCCTGCTCGCT	CCGGCCCCAC	GCAGCACCAG	GCCCTGCGTA	CGCTGGCA	141
CTTATTAAGC	TITIATGICA CITATIAAGC	CGTGTAGACA	SC CCTAAGTACG GTTACTTATG	CCTAAGTACG	TTGCAGAAGC	381
CTGGTGGCCC	CCGCCTGCAG CGCGCCCGT GACACGGCGC CCACTTGCCA CCTAGGCGCT CTGGTGGCCC	CCACTTGCCA	GACACGCCC	CCCGCCCGT R G P	CCCCTCCAG	321
ACTTGCGCAG L R S	AGCCGTTTAC GCGCCCTGG AGCGCATGGG GCTGGACGGC TGCGTGGAAG ACTTGCGCAG	GCTGGACGGC L D G	AGCGCATGGG R M G	GCGCCCTGG	AGCCGTTTAC A V Y	261 392
CGGGCCTCGG	CCGAGACCAG CAGTACGAGA TGCTCAAGCG CTGGCGCCAG CAGCAGCCCG CGGGCCTCGG	CTGGCGCCAG W R Q	TGCTCAAGCG L K R	CAGTACGAGA Q Y E M	CCGAGACCAG R D Q	201 372
TCGGCCGCTT G R F	GCCCACCTG GGCTGCCG AGGCAGAT CGAAGCCGTG GAGGTGGAGA TCGGCCGCTT R T L G L R E A E I E A V E V E I G R F	CGAAGCCGTG E A V	AGGCAGAGAT A E I	GGCTGCGCG	GCGCACGCTG R T L	141 352
AGGAGTTCGT E F V	GGCCCCGCAG CTCTACGACG TGATGGACGC GGTCCCAGCG CGCCCTGGA AGGAGTTCGT G P Q L Y D V M D A V P A R R W K E F V	GGTCCCAGCG V P A	TGATGGACGC M D A	CTCTACGACG	G G G Q Q)81 332

FIG. 4C

1 MEQRPRGCAAVAAALLIVLIGARAQGGTRSPR	3 3 CDCAGDFHKKIGLFCCRGCPAGHYLKAPCTEPCGNSTCLV R1 44 CPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRE Apo1 45 ETQNLEGLHHDGQFCHKPCPPGERKARDCTVNGDEPDCVP	73 CPQDTFLAWENHHNSECARCOACDEOASOVALENCSAVADTRCG R1 85 CESGSFTASENHLRH-CLSCSKCRKEMGOVEISSCTVDRDTVCG Apol 85 COEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCTRTONTKCR	3 117 CKPGWFVECQVSQCVSSPFYCQPCLDCGALHRHTRLLCSRRD-TDCGTR1 127 CRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQEKQNTVCT-Apol 129 CKPNFFCNSTVCEHCDPCTKCEHGIIKECTLTSNTKCKE	3 165 CLPGFYEHGDGCVSCPTSTLGSCPERCAAVCGW R1 168 CHAGFFLRENECVSCSNCKKSLECTKLCLP
Apo3 TNFR1 Fas/Apo1	Apo3 TNFR1 Fas/Apo1	Apo3 TNFR1 Fas/Apo1	Apo3 TNFR1 Fas/Apo1	Apo3 TNFR1

FIG. 5

RAWK BEVRULGIREAEIEAVEVEIGR FRDOOYE SOVK GEVRKNGVN EAKIDEIKN DN VODTAEOKV - O DWRRLAROLKV SDTKIDSIED RYPRN - LTERV RE DOOTEARSVGIKWRKVGR - SLORGCRALRDPALD HWKN CARKLGFTQ SAIDEID HDYERD GLKEKVYO MAVAFYIPDQATLIREAEOKEQOILR - LRESQWR	SQP AGLGAVYAALERMGL - DGCVEDLRS BTPRREATLELLGRVLRDMDL - LGCLEDIEE LHG - KKEAYDTLIKDLKKANLCTLA - EKIQT TE - KENATVAHLVGALRSC OMNLVADLV REGLYEQAFQLLRRFV - QAEGRRATLQRLVE REGIKGATVGKLAQALHQC SRIDLLSSLT ETLKQYTSCHPKTGRKSGKYRKP
V M D A V P A R R W V V E N V P P L R W I A G V M T L S Q V I C D N V G K - D N N R P L S L K - D N I R E N L G K - H M A A A A A A A A A A A A A A A A A A	MIKRWROOO MIATWRRETE LIRNWHOLHG SIRIWKNTE- SIAYEYERE MIQKWVMREG
2 2 2 3 3 3 4 4 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	2 2 1 2 2 8 4 7 4 8 8 4 1 4 1 2 8 8
Apo3 TNFR1 Fas/Apo1 FADD TRADD RIP RIP	Apo3 TNFR1 Fas/Apo1 FADD TRADD RIP Reaper

FIG. 6

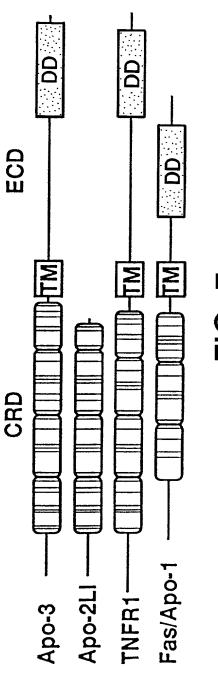


FIG. 7

1 2 3

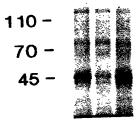
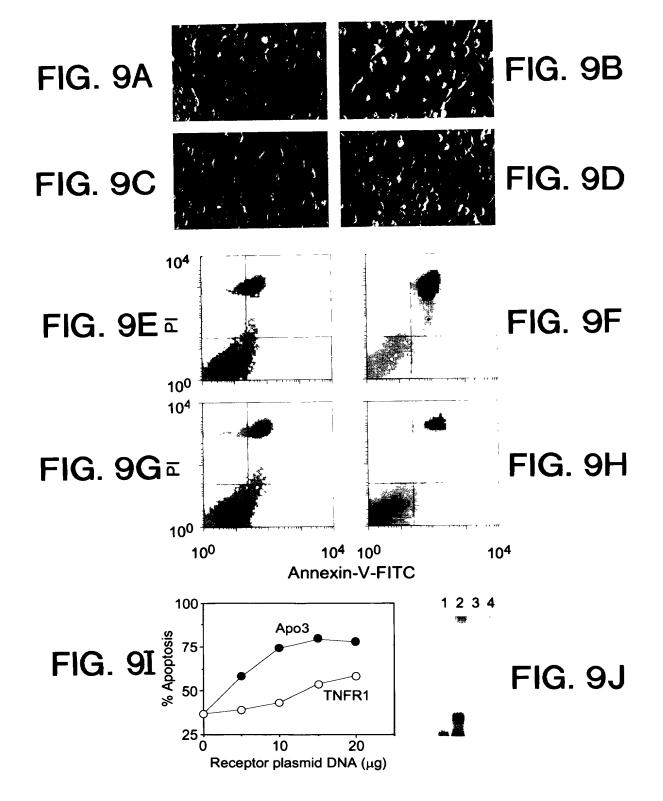


FIG. 8

1 2 3 4 5 6 7 8 9



FIG. 10



Transfection

pRK5 TNFR1 Apo-3



FIG. 11

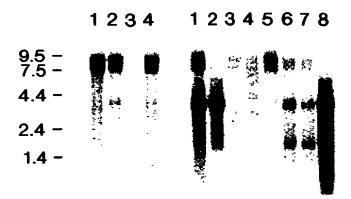


FIG. 12